



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 2509

<b>SERIAL NUMBER</b> 09/877,521	<b>FILING DATE</b> 06/08/2001 <b>RULE</b>	<b>CLASS</b> 324	<b>GROUP ART UNIT</b> 2862	<b>ATTORNEY DOCKET NO.</b> 4371-5-CON
------------------------------------	---	---------------------	-------------------------------	--

**APPLICANTS**  
William Banning Vail III, Bothell, WA;

**\*\* CONTINUING DATA \*\*\*\*\***  
THIS APPLICATION IS A CON OF 09/310,312 05/12/1999 PAT 6,246,240  
WHICH IS A CIP OF 08/738,924 10/28/1996 PAT 6,025,721  
WHICH IS A DIV OF 08/083,615 06/28/1993 PAT 5,570,024  
WHICH IS A CIP OF 07/754,965 09/04/1991 PAT 5,223,794  
WHICH IS A DIV OF 07/434,886 11/13/1989 PAT 5,075,626  
WHICH IS A CIP OF 07/089,697 08/26/1987 PAT 4,882,542  
WHICH IS A CIP OF 06/927,115 11/04/1986 PAT 4,820,989

**\*\* FOREIGN APPLICATIONS \*\*\*\*\***

**IF REQUIRED, FOREIGN FILING LICENSE GRANTED**  
\*\* 08/03/2001

Foreign Priority claimed 35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance	<b>STATE OR COUNTRY</b> WA	<b>SHEETS DRAWING</b> 14	<b>TOTAL CLAIMS</b> 2	<b>INDEPENDENT CLAIMS</b> 2
---	---	-------------------------------	-----------------------------	--------------------------	--------------------------------

Verified and Acknowledged  
Examiner's Signature \_\_\_\_\_ Initials \_\_\_\_\_

**ADDRESS**  
David F. Zinger  
SHERIDAN ROSS P.C.  
1560 Broadway, Suite 1200  
Denver ,CO 80202-5141

**TITLE**  
Determining resistivity of a formation adjacent to a borehole having casing with an apparatus having all current conducting electrodes within the cased well

<b>FILING FEE RECEIVED</b> 710	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
-----------------------------------	---	---